

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

RULE 8040 -- FUGITIVE DUST REQUIREMENTS FOR CONTROL OF FINE PARTICULATE MATTER (PM-10) FROM LANDFILL DISPOSAL SITES

(Adopted October 21, 1993; Amended April 25, 1996; Amended November 15, 2001)

1.0 Purpose

The purpose of this Rule is to limit emissions of fine particulate matter (PM-10) from landfill disposal sites through the control of fugitive dust emissions.

2.0 Applicability

This Rule applies to all operational landfill disposal sites. The Rule also applies to landfill closure activities and closed landfill sites when activities are conducted which disturb surface soils covering an area of more than one (1) acre. During construction of a landfill, the requirements set forth in Rule 8020 are applicable. This rule shall remain in effect until April 30, 2002 or until the effective date of Rule 8021 (Construction, Demolition, Excavation, Extraction, and other Earthmoving Activities), whichever occurs later.

3.0 Definitions

3.1 Landfill Disposal Site: a site where solid waste, trash, garbage, or other waste is disposed of by burying between layers of earth.

4.0 Exemptions

In addition to the exemptions established in Rule 8010, the following exemptions are established for this Rule:

4.1 Landfills where active disposal and excavation areas disturb less than one (1) acre of soil.

5.0 Requirements

5.1 Landfill site construction activities must comply with Rule 8020 and Title 14 of the California Code of Regulations sections 17616 (Report of Disposal Site Information) and 18222 (Report of Disposal Site Information) pertaining to access roads.

5.2 Any person owning or operating a landfill disposal site shall limit or remove at the end of the work day, or a minimum of once every twenty-four hours of occurrence, the accumulation of mud, or dirt, or other materials from public paved roads, including shoulders, adjacent to the site of the landfill. Removal activities must comply with local requirements and procedures. This requirement is intended to apply to mud and dirt deposited onto a permanent public paved road from a landfill site.

- 5.2.1 Interior roads of the landfill site are paved and cleaned to limit deposits of mud and dirt onto adjacent paved public roads. To meet this requirement, landfill roads connected to off-site adjacent paved public roads must be paved for a sufficient distance to allow mud and dirt accumulation to drop off of vehicles within the landfill site. In addition, the interior roads must be cleaned with sufficient frequency to limit mud and dirt accumulation of sufficient density to be picked up by other vehicles and transported onto the off-site public paved road.
- 5.2.2 For the purposes of this section, the use of dry rotary brushes for removal of deposited mud/dirt carryout from paved roads is expressly prohibited, except where preceded or accompanied by sufficient wetting to limit visible dust emissions.
- 5.2.3 For the purposes of this section, the use of blower devices for removal of mud or dirt, deposited on paved roads is expressly prohibited.
- 5.3 No person shall own or operate any landfill disposal site without compliance with Title 14 of the California Code of Regulations sections 17616, 17659 (Access Roads), 17706 (Dust Control), and 18222.
- 5.4 All areas used for storage of construction vehicles, equipment, and materials shall comply with the provisions of the Rule 8070.

6.0 Administrative Requirements

- 6.1 All operators of landfill disposal sites and operations, shall maintain a copy of the most recent Report of Disposal Site Information at the landfill site or an alternative location approved by the District, for inspection by authorized District employees upon request.

7.0 Alternative Compliance Plan

If special conditions exist which will unreasonably prevent compliance with the requirements in section 5.0 of this Rule, the owner/operator may submit and request approval of an Alternative Compliance Plan in accordance with section 6.0 of Rule 8010. The Alternative Compliance Plan must specify the special circumstances which unreasonably prevent compliance and provide an alternative program of control measures. Failure to implement control measures specified in an approved Alternative Compliance Plan constitutes a violation of this Rule.